

International Conference on Advanced Nanomaterials and Nanotechnology (ICANN2009)

CONFIRMED ORAL Presentation

No.	Abstr act #	Title	Author list	Presenting Author and e-mail id.	Confirm ed
1.	A-405	Rotational Misorientation in Exfoliated Graphene Sheets: a High-resolution TEM Study	Manoj Kumar Singh* and José Joaquim de Almeida Gracio	Manoj Kumar Singh mksingh@ua.pt	Y
2.	A-408	Synthesis, Properties and Applications of Inorganically Filled Carbon Nanotube Heterostructures	Ujjal K. Gautam1,*, Yoshio Bando,1 Xiaosheng Fang,1 Pedro M. F. J. Costa2 and Dmitri. Golberg1;	Ujjal K. Gautam1 GAUTAM.Ujjal@nims.go.jp	Y
3.	A-409	Advances in Mass Production of Carbon Nanotubes and Role of the Molecular Structure of the Carbon Source in CNT Growth Mechanism	Mukul Kumar*, Kaushik Ghosh, Yoshinori Ando	Mukul Kumar mukul@ccmfs.meijo-u.ac.jp	Y
4.	A-423	Self-ordering electrochemical synthesis of TiO2 nanotube arrays: controlling the nanotube geometry and the growth rate	Krishna Kant1, Dusan Losic	Krishna Kant krishnakant696@gmail.com , Krishna.Kant@postgrads.unisa.edu.au,	Y
5.	A-428	Titania nanowires for sensing and detection of industrial effluents	Soumit S. Mandal and Aninda J. Bhattacharyya*	S. S. Mandal aninda_jb@sscu.iisc.ernet.in	Y
6.	A-448	Shape control of graphene by catalytic nanocutting and transfer	Deep Jariwala1*, Lijie Ci2, Li Song2, Ana-Laura Elias3, P.M.Ajayan2*	Deep Jariwala deep29jariwala@gmail.com	Y
7.	A-479	Chiral-mesoporous-polypyrrol Nanoparticles: Enantioselective Separation	Pradip Paik1, Aharon Gedanken1, Yitzhak Mastai2*	Pradip Paik pradip.paik@gmail.com	Y

8.	A-501	Effect of Combustion Synthesis Processes on Nanostructured TiO ₂ Hollow-spheres	P K Pandey*, Pranjali Joshi & N Kulkarni	P.K. Pandey prashantp@ashapura.com	Y
9.	A-511	Electrical transport characteristics of Focused ion beam fabricated Au, Cu nano wires	Nitul S. Rajput, Abhishek K. Singh, Neeraj Shukla, S. Dhamodaran and Vishwas N. Kulkarni*	Nitul S. Rajput vnk@iitk.ac.in, nitul@iitk.ac.in	Y
10.	A-548	Conducting Polymer Nanostructures via Molecular Self-assembly	Dr. M. Jayakannan,	M. Jayakannan jayakannan@iiserpune.ac.in	Y
11.	A-603	Defect evolution and structural improvement in low energy ion irradiated carbon nanotubes: Microscopic and spectroscopic studies	Dilip K. Singh ^{1*} , P. K. Iyer ² , P. K. Giri	Dilip K. Singh dilipsinghnano@yahoo.co.in	Y
12.	A-612	Chemical Locomotion as a Possible Source of Electricity	Krishna Kanti Dey ^{1,*} , Saurabh Basu ² , Arun Chattopadhyay ^{1,3}	Krishna Kanti Dey k.dey@iitg.ernet.in	Y
13.	A-625	Tuning semiconductor nanocrystals for white light emission	Sameer Sapra	S. Sapra sapra@chemistry.iitd.ac.in	Y
14.	A-645	Iodine enhanced antimicrobial activity of Ag nanoparticles-Chitosan composite	M. Banerjee, S. Mallick, A. Paul, A. Chattopadhyay and S.S. Ghosh	M. Banerjee madhuchanda@iitg.ernet.in	Y
15.	A-646	Gold nanoparticles in probing proteins	J. Deka, A. Chattopadhyay, S.S. Ghosh	arun@iitg.ernet.in	Y
16.	A-651	Electronic properties of graphene, few layer graphene and bulk graphite under very high magnetic field	Amit Kumar	Amit.kumar@incmp.org	Y
17.	B-322	Surface plasmon resonance based closely packed Au nanoparticle arrays for Surface Enhanced Raman Scattering application	Pratap K. Sahoo, C. W. Schneider, Y. Ekinici, H.H.Solak	P.K. Sahoo Pratap.sahoo@niser.ac.in	Y
18.	C-246	Electrochemical Study of Hemoglobin Using the carbon nanotube-modified Graphite Electrode and its Application to Hydrogen Peroxide Biosensor	Saeed Rezaei-Zarchi ¹ , Hossain Bary Abarghouei	S.R.-Zarchi srezaei@ibb.ut.ac.ir	Y

19.	C-262	Chitosan -Mn ²⁺ - doped ZnS Quantum Dot Nanocomposites for Carrying Suicide Genes	P. Sanpui ¹ , S.B. Pandey ² , Arun Chattopadhyay ^{2,3*} and S.S. Ghosh ^{1,2*} ; Sankar Ghosh ^{1,2*}	Pallab Sanpui sghosh@iitg.ernet.in	Y
20.	C-316	Applications of Traditional Phage Display in Rapidly Evolving Nanobiotechnology	<u>Gopal Abbineni*</u> and Chuanbin Mao	<u>Gopal Abbineni</u> gopal@ou.edu	Y
21.	E-122	Humidity Sensor using pNIPAAm Nanoparticles as Sensing Medium in SAW Devices	N. Ramakrishnan ¹ , Talla Vamsi ² , Harshal B. Nemade ^{*,1,2} , Roy Paily Palathinkal ²	N. Ramakrishnan harshal@iitg.ernet.in	Y
22.	E-629	New strategies of nanotechnology for improvement of photo-active functions in Photoelectrochromic and Solar cells	D. R. Sahu	D. R. Sahu Diptiranjana.Sahu@wits.ac.za	Y
23.	F-063	Magnetic Iron Oxide-Size and Shape Control Synthesis, Characterization, and Applications	<u>Nitin K Chaudhari</u> , Jong-Sung Yu*	Nitin K Chaudhari jsyu212@korea.ac.kr	Y
24.	F-070	Effect of ion beam mixing on magnetic exchange bias in a nanoscale Si/Co/Si system	Sumalay Roy ^{1,*} , M. Menyhárd ² , S. Majumdar ³ , D. Novikov ⁴ , and B. N. Dev ¹	Sumalay Roy mssr2@iacs.res.in	Y
25.	F-078	Role of defects, nanostructure and electronic structure in Ni doped/implanted ZnO based room temperature ferromagnets	S. Ghosh, [*] B. Pandey and P. Srivastava	S. Ghosh ghoshsantanu1@yahoo.co.in	Y
26.	F-088	Zippering Transition in Ferrofluid in Presence of External Field	Junaid M Laskar, John Philip* & Baldev Raj	Junaid M Laskar philip@igcar.gov.in	Y
27.	F-644	Role of Fe ₃ Zr nanocrystals on the magnetic properties of Fe-Co-B-Zr nanocrystalline alloys	D. Mishra, A. Perumal and A. Srinivasan	Debabrata Mishra, debabrata@iitg.ac.in	Y
28.	G-036	A comparative study of optical properties of C3N and CN3 systems through Density Functional Theory (DFT)	Debnarayan Jana, Li-Chyong Chen, Chun Wei Chen, Kuei-Hsien Chen,	Debnarayan Jana djphy@caluniv.ac.in	Y
29.	G-044	Critical thickness for Nb nanofilm on Sapphire substrate: a critical analysis using finite element method	Arun Kumar, Anandh Subramaniam*	Arun Kumar anandh@iitk.ac.in	Y
30.	G-412	Finite Mass induced effects on conductance in	César E. P. Villegas, Marcos R.	César E. P. Villegas	Y

		grapheme	S. Tavares	cesar.villegas@ufabc.edu.br	
31.	H-005	Nanotechnology Patenting: An Indian Scenario	Aniruddh Jain, Sharanabasva Hallihosur, Latha Rangan*	Latha Rangan lrangan@iitg.ernet.in	Y